CASE NO.: ARC9-2000-0093-US1

Serial No.: 09/757,012 January 30, 2006

Page 2

PATENT Filed: January 8, 2001

1-8 (canceled).

9. (previously presented) A computer-implemented method for generating a gain adjust signal to establish an audio output level, comprising:

receiving at least one person-microphone position signal representative of a position of a person relative to a microphone;

determining a gain adjust signal based at least in part on the person-microphone position signal; and

using the gain adjust signal to establish the audio output level, wherein the person-microphone position signal is recorded, then the gain adjust signal is determined after a recording of the person.

10. (previously presented) A computer-implemented method for generating a gain adjust signal to establish an audio output level, comprising:

receiving at least one person-microphone position signal representative of a position of a person relative to a microphone;

determining a gain adjust signal based at least in part on the person-microphone position signal; and

using the gain adjust signal to establish the audio output level, wherein the gain adjust signal is a fast response gain adjust signal, and the method further comprises determining a slow response gain adjust signal based on an audio stream.

1053-105.AM4

CASE NO.: ARC9-2000-0093-US1

Serial No.: 09/757,012 January 30, 2006

Page 3

PATENT Filed: January 8, 2001

11. (original) A digital processor programmed to undertake logic for dynamically establishing a gain of an audio system, the logic including:

receiving a video stream representative of at least one person and at least one microphone; deriving person-microphone position signals using the video stream; and using at least some of the person-microphone position signals, generating audio gain adjust signals for input thereof to the audio system.

- 12. (original) The digital processor of Claim 11, wherein the logic further includes determining an audio gain adjust signal based at least partially on: a distance from a person's mouth to a microphone, or an orientation of a person's head relative to the microphone.
 - 13. (original) The digital processor of Claim 12, wherein the logic further comprises: recording at least one calibration person-microphone position signal; recording at least one calibration audio level contemporaneously with the calibration person-microphone position signal; and using the calibration signal and calibration level, generating at least one mapping.
- 14. (original) The digital processor of Claim 13, wherein the logic further comprises using the mapping to generate at least one gain adjust signal based on at least one person-microphone position signal.

1053-105-AM4

CASE NO.: ARC9-2000-0093-US1

Serial No.: 09/757,012 January 30, 2006

Page 4

PATENT Filed: January 8, 2001

- (original) The digital processor of Claim 11, wherein the gain adjust signal is determined 15. contemporaneously with recording the person.
- (original) The digital processor of Claim 11, wherein the person is recorded, then the gain 16. adjust signal is determined after the recording of the person.

17-29 (canceled).

µ053-105.AM4